

this need for the use of glass frit with the nickel powder, but it is not mentioned. As indicated in the test results for the seven experiments, the highest relativity permittivity achieved was 3360 and the highest voltage breakdown achieved was 15 kV/mm. The highest relativity permittivity and voltage breakdown achieved as indicated in patent application 09/833,609 are 33,500 and 635 kV/mm. This difference in the test data and the fact that the powders are not double-coated or the use of hot isostatic pressing is not mentioned in the US Patent No. 6,243,354, but are both included in the processing steps in the patent application 09/833,609, indicate that a different article is produced.

**PCT WO 93/16012**

The patent abstract in English of the patent in French indicates the previously calcined barium titanate powder is impregnated with a solution of additives, not a coating of any particular substance. The patent application 09/833,609 describes specifically an aluminum oxide coating followed by a calcium magnesium aluminosilicate glass coating of the composition-modified barium titanate powder. These substances are not mentioned in the PCT WO 93/16012 patent. The word "impregnated" is used, implying that the particles of the powder are porous with an open-pore microstructure. The solution of additives can thus fill these pores. Upon a sufficiently high temperature to provide solid-state diffusion of the additive or additives into the particle body, the additive acts as a crystallite-growth (aka particle-growth or grain-growth inhibitor). The additive does not serve to seal the particles of the powder, in contrast to the double coating described in patent application 09/833,609.

-12-

Conclusion

In light of the above remarks, additions, and amendments, it is respectfully submitted that the application is in condition for allowance and action to that end is respectfully urged. If the Examiner believes that a telephone conference would in any way aid the prosecution of this case, please call the undersigned at (512) 258-5669.

Original submission date: October 23, 2003

Resubmission date: November 18, 2003

Respectfully submitted

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